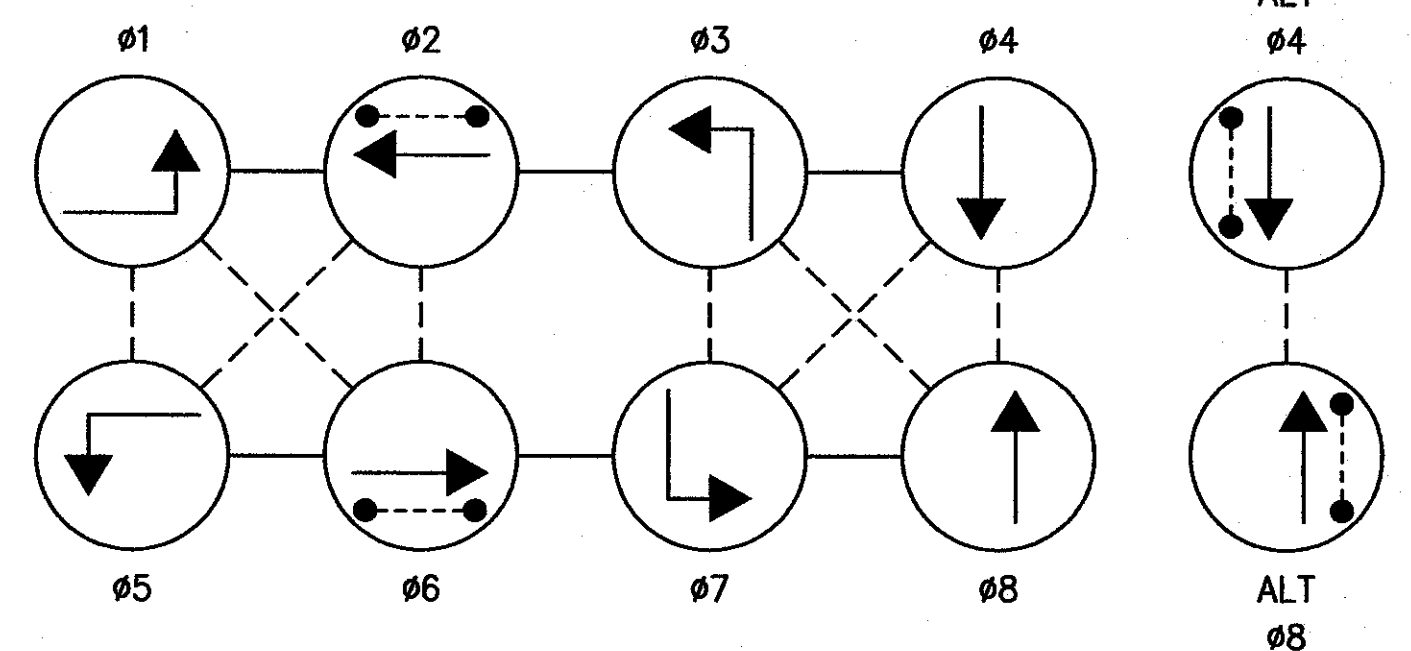
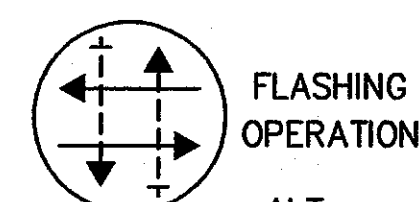
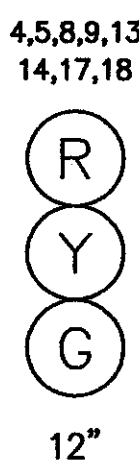
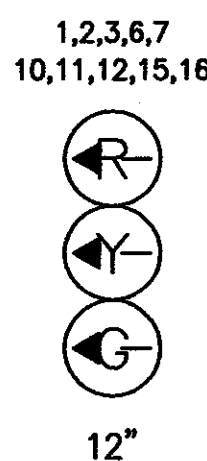
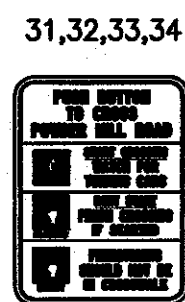
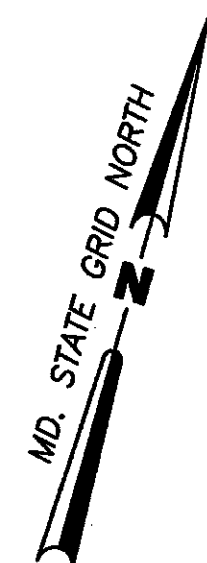


PROPOSED SIGNS

PROPOSED SIGNALS



PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

37,44 Powder Mill Rd →

37A,44A ← Powder Mill Rd

D3-2 (MOD)-DUAL FACED
Var. x 16"

39 Old Gunpowder Rd →

39A ← Old Gunpowder Rd

D3-2 (MOD)-DUAL FACED
Var. x 16"

42 Ammendale Rd →

42A ← Ammendale Rd

D3-2 (MOD)-DUAL FACED
Var. x 16"

CONSTRUCTION DETAILS

- Install 14" x 32' 2 ply strain pole with pedestrian signal heads as shown.
(Note: 1-3" PVC (Sch. 80) 90° bend required.)
- Install 14" x 32' 2 ply strain pole with sign and pedestrian signal head as shown.
(Note: 2-3" PVC (Sch. 80) 90° bends required.)
- Install 14" x 32' 2 ply strain pole with pedestrian signal heads and push button assembly as shown.
(Note: 1-3" PVC (Sch. 80) 90° bend required.)
- Install 14" x 32' 2 ply strain pole with sign and pedestrian signal heads as shown.
(Note: 1-3" PVC (Sch. 80) 90° bend required.)
- Install 10' pedestal pole and pedestrian signal head as shown
(Note: 1-3" PVC (Sch. 80) 90° bend required.)
- Install NEMA size '6' base mounted cabinet and controller with all necessary equipment and 120V/240V, 1 phase, 3 wire, 60 amp electrical utility service equipment.
(Note: 2-2" and 2-4" PVC (Sch. 80) 90° bends required.)
- Proposed underground power service to be installed by BG&E
- Install 6' x 30' loop detector encased in 1/4" flexible tubing, type 3-6-3
- Install non-invasive probe.
- Install 1" liquid tight flexible non-metallic electrical conduit (detector wire sleeve)
- Install 1" rigid galvanized electrical conduit (trenched).
- Install handhole
- Install 2" PVC (Sch. 80) electrical conduit (trenched).
- Install 3" PVC (Sch. 80) electrical conduit (trenched).
- Install 3" PVC (Sch. 80) electrical conduit (bored).
- Install 4" PVC (Sch. 80) electrical conduit (bored).
- Install 4" PVC (Sch. 80) electrical conduit (trenched).
- Not used.
- Install 12" wide white pavement marking for crosswalk.
- Install 24" wide white pavement marking for stopbar.
- Install 4' breakaway pedestal pole, R10-4(1) sign and push button assembly as shown.
(Note: 1-2" PVC (Sch. 80) 90° bend required.)
- Install 3/8" span wire and 1/4" tether wire.
- Install 3" seamless HDPE conduit (bored).

GENERAL NOTES

- All lane line pavement markings shown are proposed and are to be installed by others in accordance with S.H.A. standards.
- Proposed geometrics to be installed by others.
- All traffic signal equipment to be installed to final grade.
- The contractor shall confirm the location of the proposed geometrics prior to the installation of signal equipment.
- For pavement markings not detailed see Pavement Markings Plan Sheet 67B.
- The contractor shall be responsible for terminating all signal cables to the appropriate terminals and shall properly label each cable.
- All traffic signal equipment shown is within existing or proposed right-of-way.
- All traffic signal foundations shall be installed at the final sidewalk or curb grade for closed sections, or highest roadway profile grade for open sections, to meet clearances as specified in MD 816.03, MD 818.01, MD 818.02, and MD 818.04. The contractor shall verify ultimate grades prior to the installation of all signal equipment.
- Place loop detectors before pavement surface course is laid.

UTILITY LEGEND

G	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
E	ELECTRIC CABLES
A	AERIAL CABLES
T	TELEPHONE CABLES
C	UTILITY CONDUIT

APPROVALS

Michael R. Ruck 5.27.04
TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

John H. Davis 6.5.04
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

James H. Davis 6.5.04
DIRECTOR, OFFICE OF TRAFFIC & SAFETY



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
AMMENDALE / VIRGINIA MANOR ROAD
Section II - Phase 3

TRAFFIC SIGNAL PLAN
MD 212 (Powdermill Rd) @ Ammendale Road

DRAWN BY: JRG	F.A.P. NO. 16021208.80	TS NO. 3081	SHEET NO. 68 OF 68
CHECKED BY: MDS	S.H.A. NO. 16021208.80	T.I.M.S. NO. 6163	
SCALE: 1"=20'	COUNTY: Prince George's		
DATE: MAY 2004	LOG MILE: 16021208.80		

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